

**iGEM TU/e 2014**

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**Date**

14 October 2014

## Antibody labeling

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Reacting cells with DBCO-PEG10kDa			

# 1 Antibody labeling

- Hemagglutinin mouse antibodies
- Prepare the following tubes:

Tube	[Ab]	Buffer volume to add	Cells( $10^7$ )	Antibody volume to add
				2.00 $\mu$ M
1	0	150 $\mu$ L	50 $\mu$ L	
2	316 nM	150 $\mu$ L	50 $\mu$ L	33.82 $\mu$ L
3	100 nM	150 $\mu$ L	50 $\mu$ L	10.19 $\mu$ L

- Let the reaction happen for 1 hour on ice
- Prepare FACS samples:
  - Spin down the cells for 5 min 13,400 rpm
  - Discard the supernatant and resuspend with 1 mL ice cold PBS-0.1%BSA
  - Spin down the cells for 5 min 13,400 rpm
  - Discard the supernatant and put the pellets on ice until FACS
  - Right before FACS: resuspend with 200  $\mu$ L ice cold PBS-0.1%BSA